

THE EFFECT OF THE GUSIMIL VIDEO ON PREGNANT WOMEN'S KNOWLEDGE AND MOTIVATION REGARDING GINGIVITIS PREVENTION

Isnaeni Dzikrillah^{1*}, Wiworo Haryani², Rizqi Amanullah³
^{1,2,3}Jurusan Kesehatan Gigi Poltekkes Kemenkes Yogyakarta

Jl. Kyai Mojo No. 56 Pingit, Yogyakarta, Daerah Istimewa Yogyakarta, 55243

*Email: isnaenidzikrillah@gmail.com

ABSTRACT

Background: The 2023 Indonesian Health Survey (SKI) shows that dental and oral health problems in Indonesia affect 56.9% of the population, with a prevalence of gingivitis at 13.3%. Gingivitis is common among pregnant women due to hormonal changes during pregnancy and a lack of knowledge about its prevention. The results of a preliminary study at the Edelweiss Posyandu showed 100% pregnant women had gingivitis and were unaware of the condition.

Objective: To determine the effect of GUSIMIL video media on pregnant women's knowledge and motivation regarding gingivitis prevention.

Methods: This study is a quasi-experimental study using a non-equivalent control group design. The study was conducted in March 2026. The study population consisted of 72 pregnant women at the Edelweiss Posyandu in Bener Village. The sample comprised 60 respondents selected through purposive sampling. The dependent variable was the video-based educational media, while the independent variables were knowledge and motivation for gingivitis prevention. The instruments were valid and reliable questionnaires. Data analysis was performed using the Wilcoxon and Mann-Whitney test.

Results: Knowledge of gingivitis criteria in the experimental group increased from 36.7% to 96.7%. Motivation regarding gingivitis criteria in the experimental group increased from 6.7% to 96.7%. The results of the Wilcoxon Signed-Rank test showed a significant difference between pre- and post-education levels, with a p-value of 0.000. The results of the Mann-Whitney test showed a significant difference between the experimental and control groups, with a p-value of 0.000.

Conclusion: The video has an effect on pregnant women's knowledge and motivation regarding gingivitis prevention.

Keywords: video, knowledge, motivation, gingivitis

PENGARUH MEDIA VIDEO GUSIMIL TERHADAP PENGETAHUAN DAN MOTIVASI PENCEGAHAN GINGIVITIS PADA IBU HAMIL

Isnaeni Dzikrillah^{1*}, Wiworo Haryani², Rizqi Amanullah³

^{1,2,3}Jurusan Kesehatan Gigi Poltekkes Kemenkes Yogyakarta

Jl. Kyai Mojo No.56 Pingit, Yogyakarta, Daerah Istimewa Yogyakarta, 55243

*Email: isnaenidzikrillah@gmail.com

ABSTRAK

Latar Belakang: Survei Kesehatan Indonesia (SKI) 2023 menunjukkan bahwa masalah kesehatan gigi dan mulut di Indonesia mencapai 56,9% dengan prevalensi gingivitis sebesar 13,3%. Gingivitis sering terjadi pada ibu hamil akibat perubahan hormonal selama kehamilan serta kurangnya pengetahuan ibu hamil mengenai pencegahannya. Hasil studi pendahuluan di Posyandu Edelweiss menunjukkan bahwa 100% ibu hamil mengalami gingivitis dan 100% ibu hamil belum mengetahui tentang gingivitis.

Tujuan: Diketahui pengaruh media video terhadap pengetahuan dan motivasi pencegahan gingivitis pada ibu hamil.

Metode: Penelitian ini adalah *quasi eksperimental* dengan menggunakan *non equivalent control group design*. Penelitian ini dilakukan pada bulan Maret 2026. Populasi penelitian ini adalah 72 ibu hamil di Posyandu Edelweiss Kelurahan Bener. Sampel dengan jumlah 60 responden dengan *purposive sampling*. Variabel bebas yaitu media video. Variabel terikat yaitu pengetahuan dan motivasi pencegahan. Instrumen berupa kuesioner yang telah memenuhi uji validitas dan reliabilitas. Analisis data menggunakan uji *Wilcoxon* dan *Mann-Whitney*.

Hasil: Pengetahuan gingivitis kriteria baik pada kelompok eksperimen meningkat dari 36,7 menjadi 96,7%. Motivasi gingivitis kriteria tinggi pada kelompok eksperimen meningkat dari 6,7% menjadi 96,7%. Hasil uji *Wilcoxon Signed Rank* menunjukkan ada perbedaan antara sebelum dan sesudah edukasi dengan nilai *p-value* (0,000). Hasil uji *Mann-Whitney* menunjukkan ada perbedaan antara kelompok eksperimen dan kontrol dengan nilai *p-value* (0,000).

Kesimpulan: Ada pengaruh media video terhadap pengetahuan dan motivasi pencegahan gingivitis pada ibu hamil.

Kata Kunci: media video, pengetahuan, motivasi, gingivitis